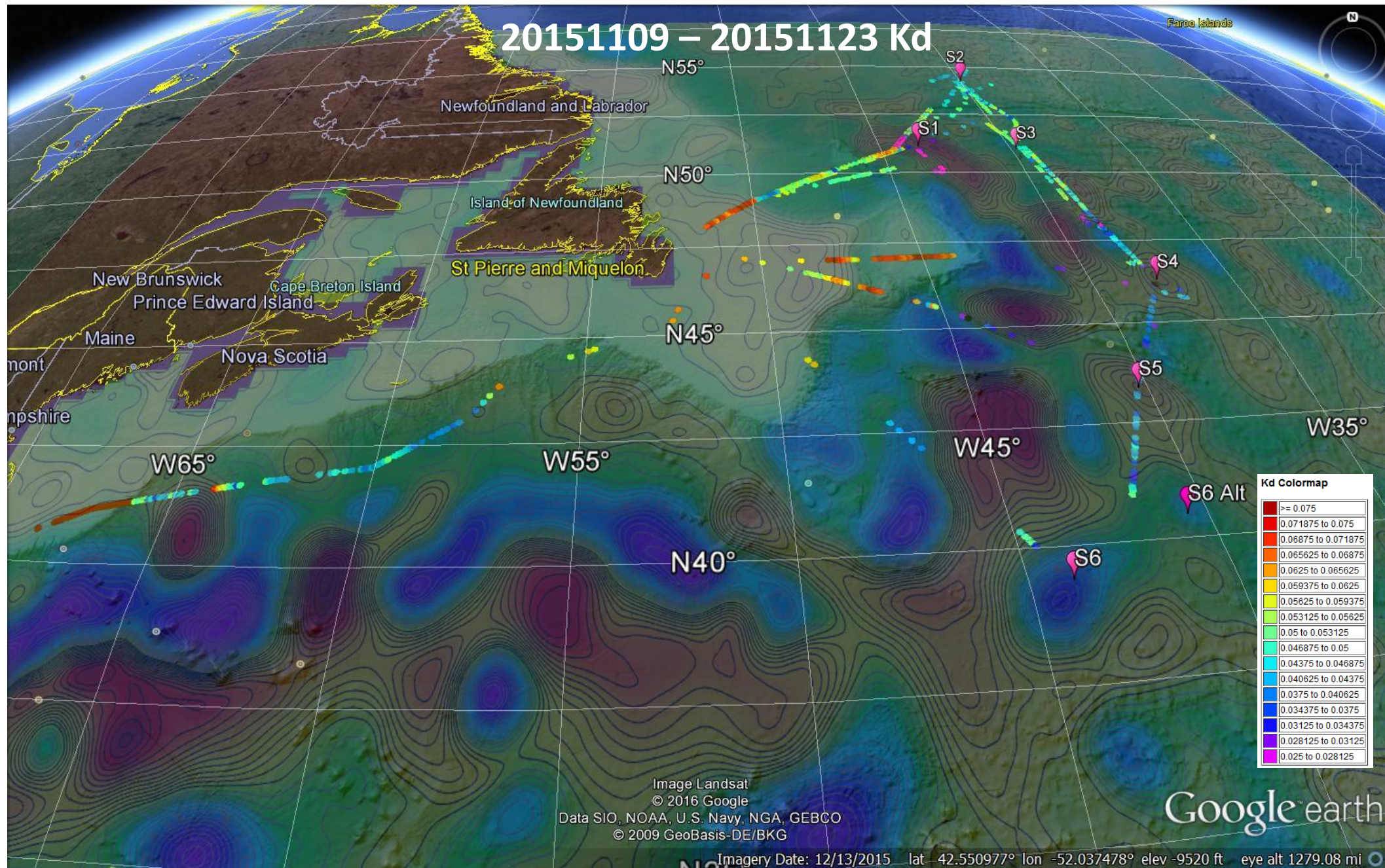
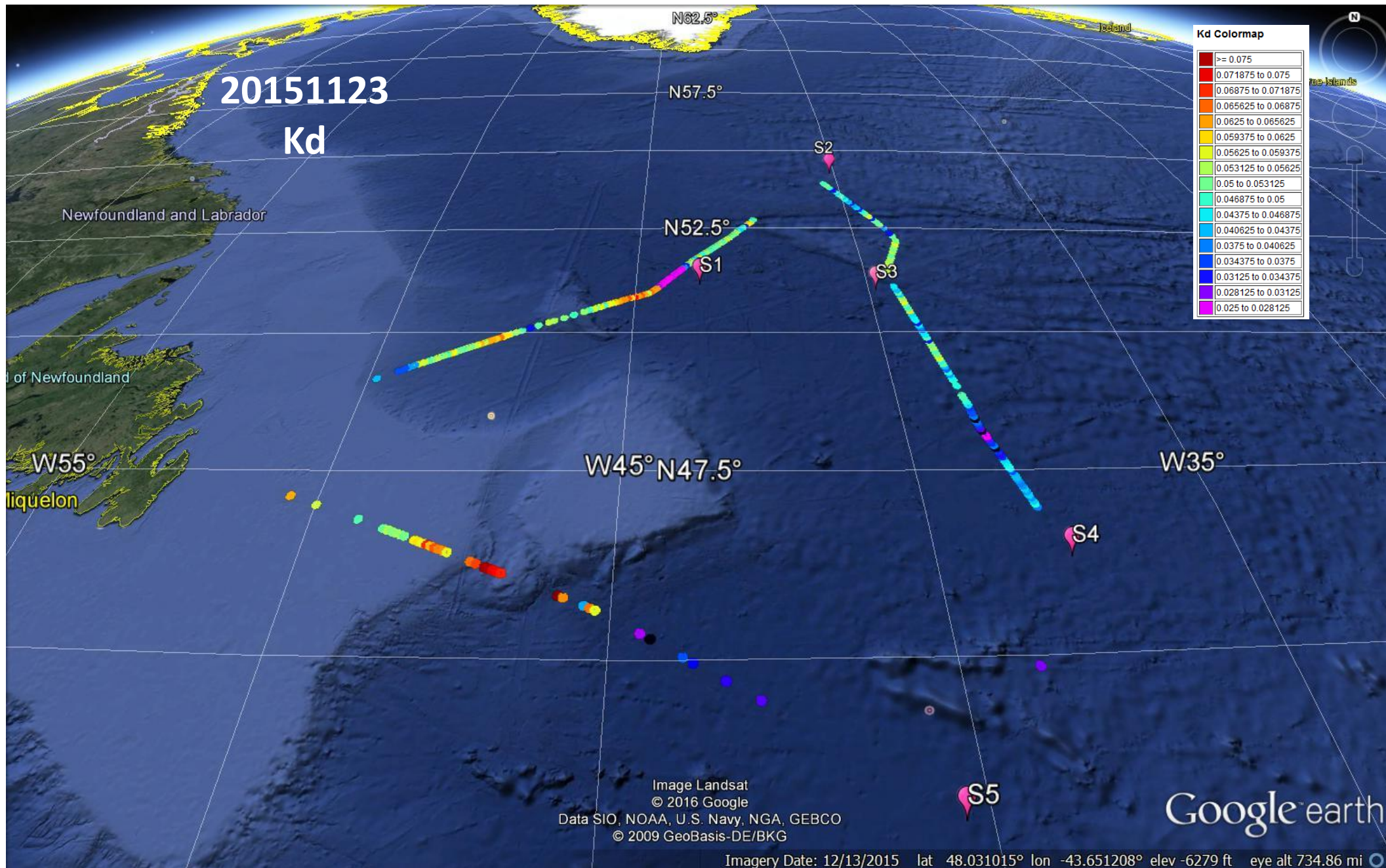
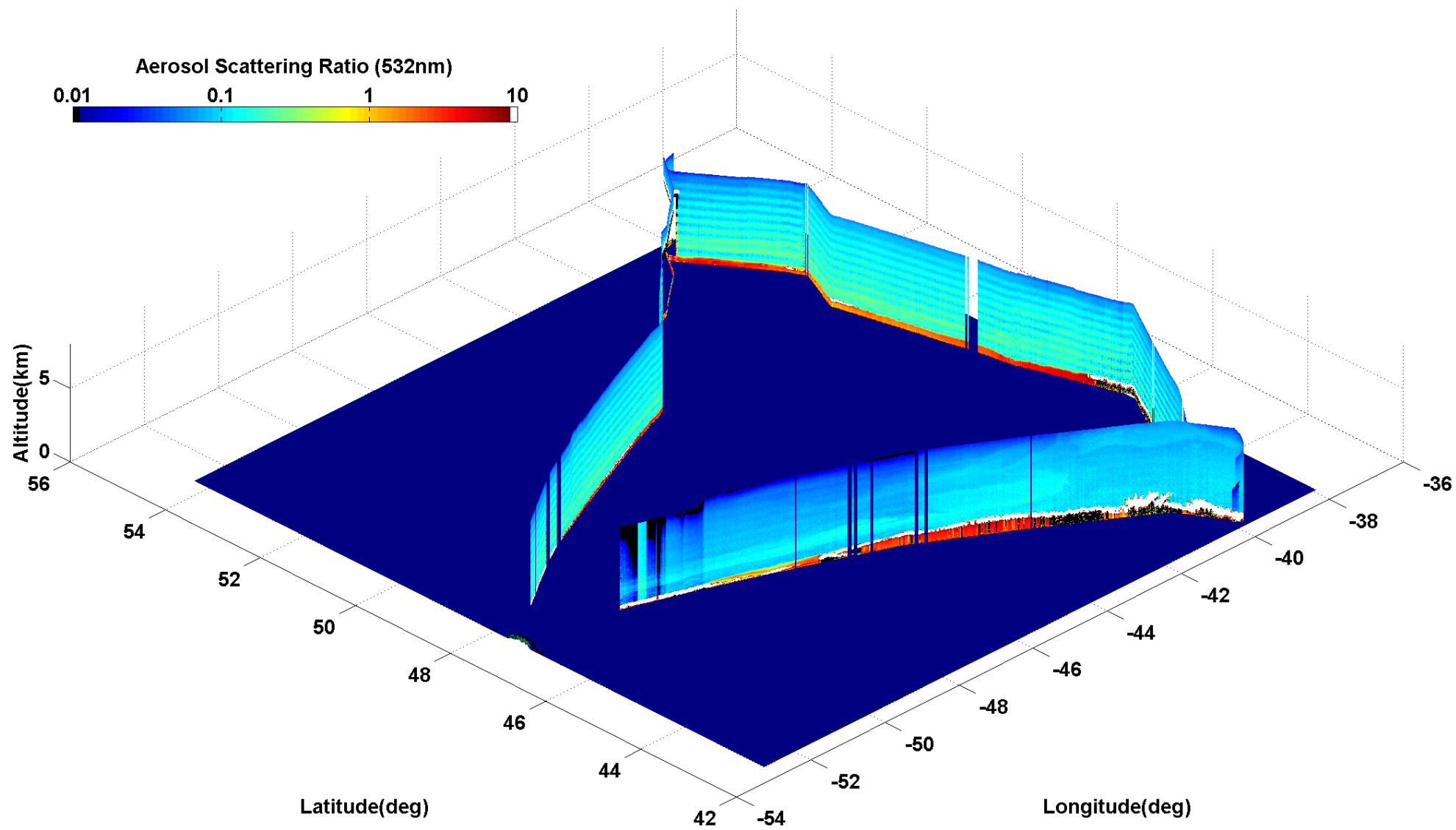


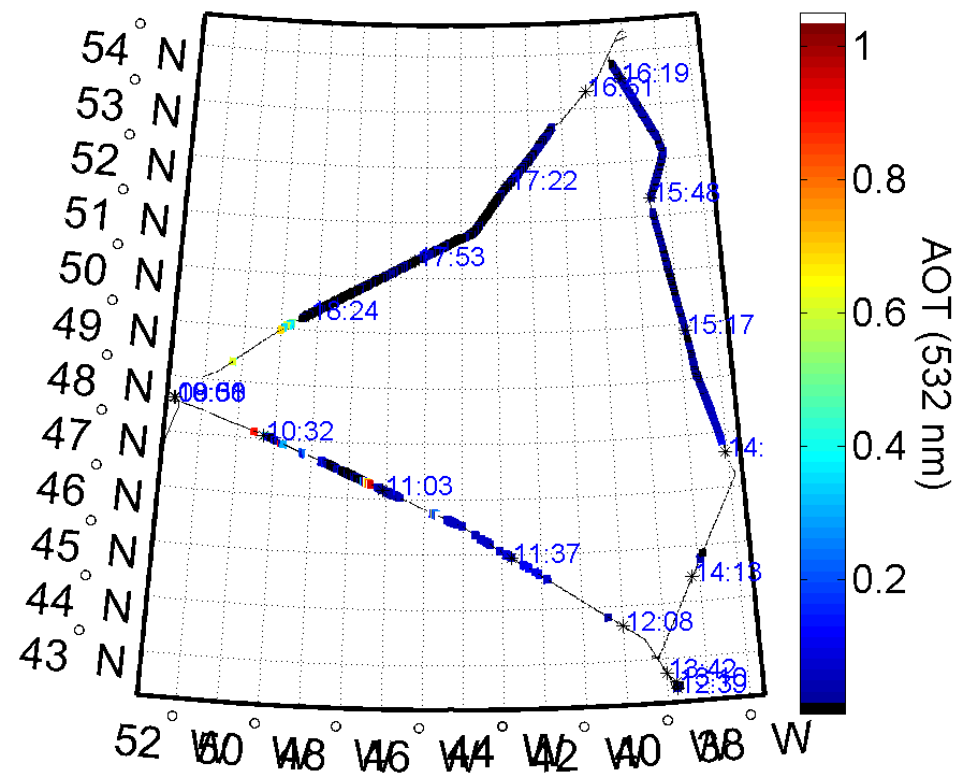
20151109 – 20151123 Kd

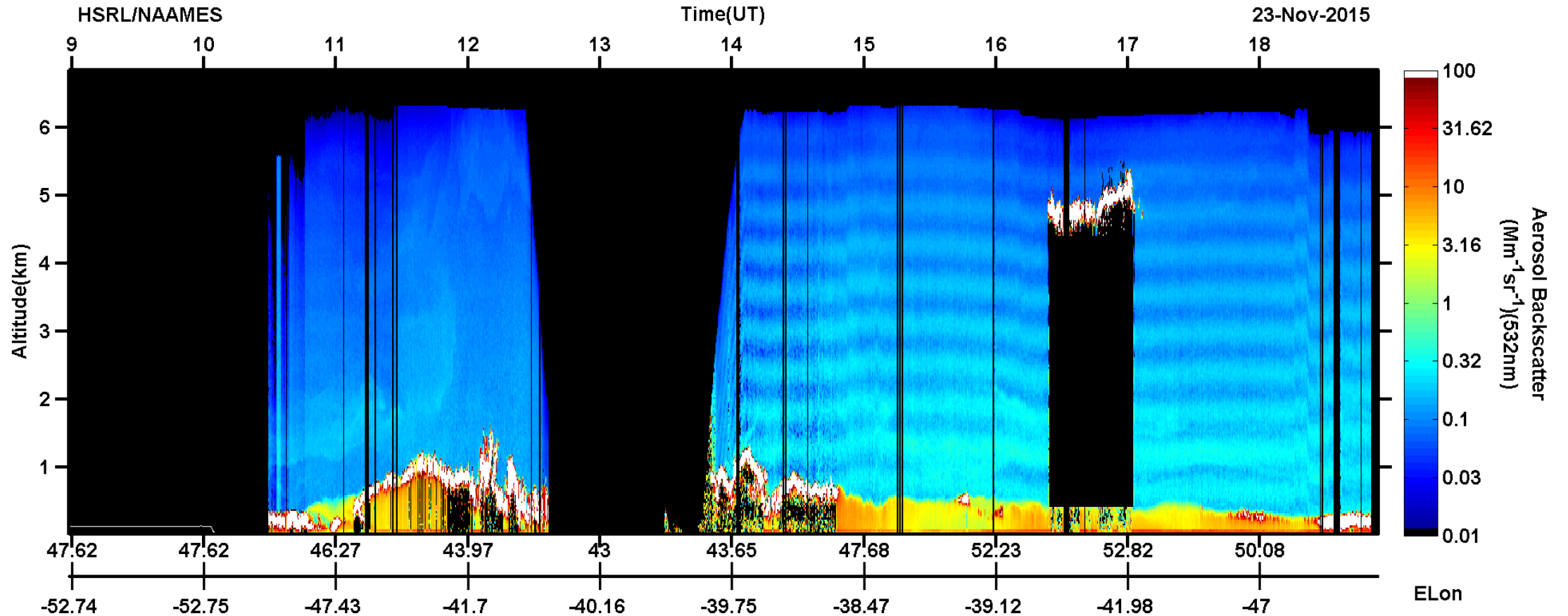




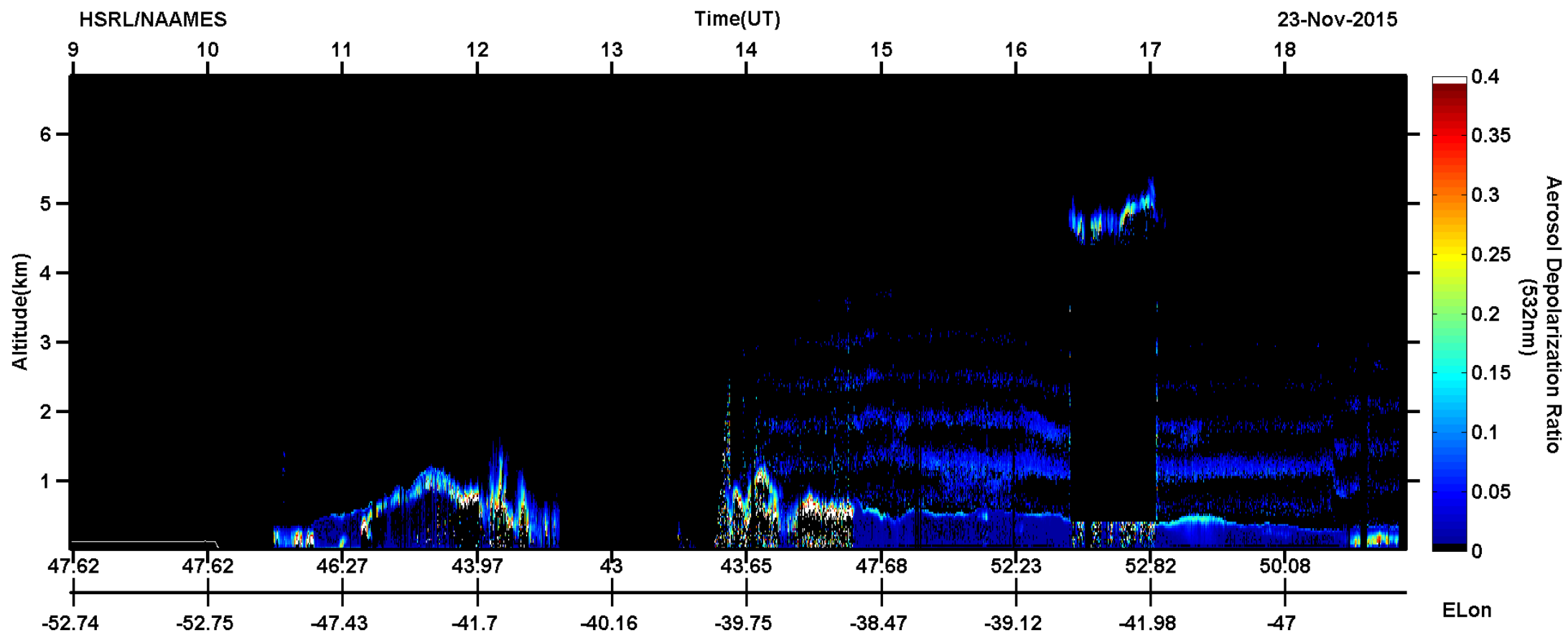


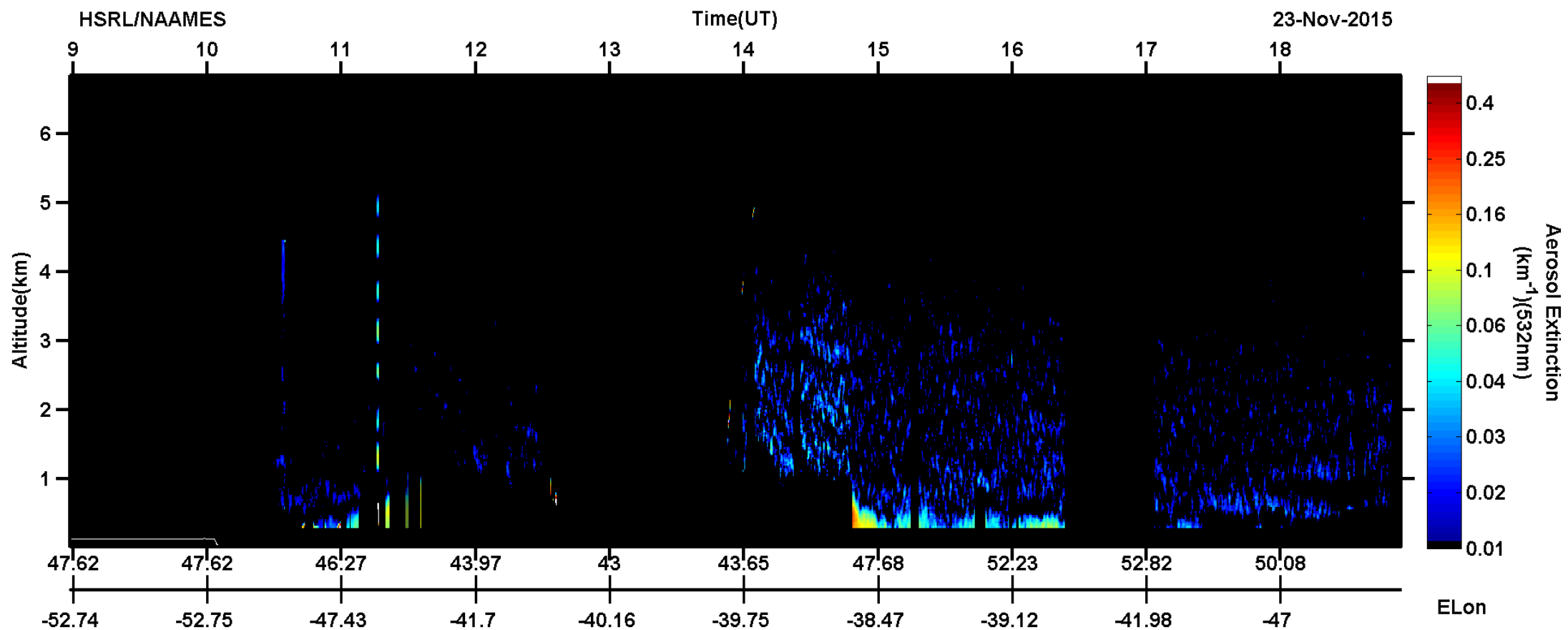
NASA Langley HSRL 20151123

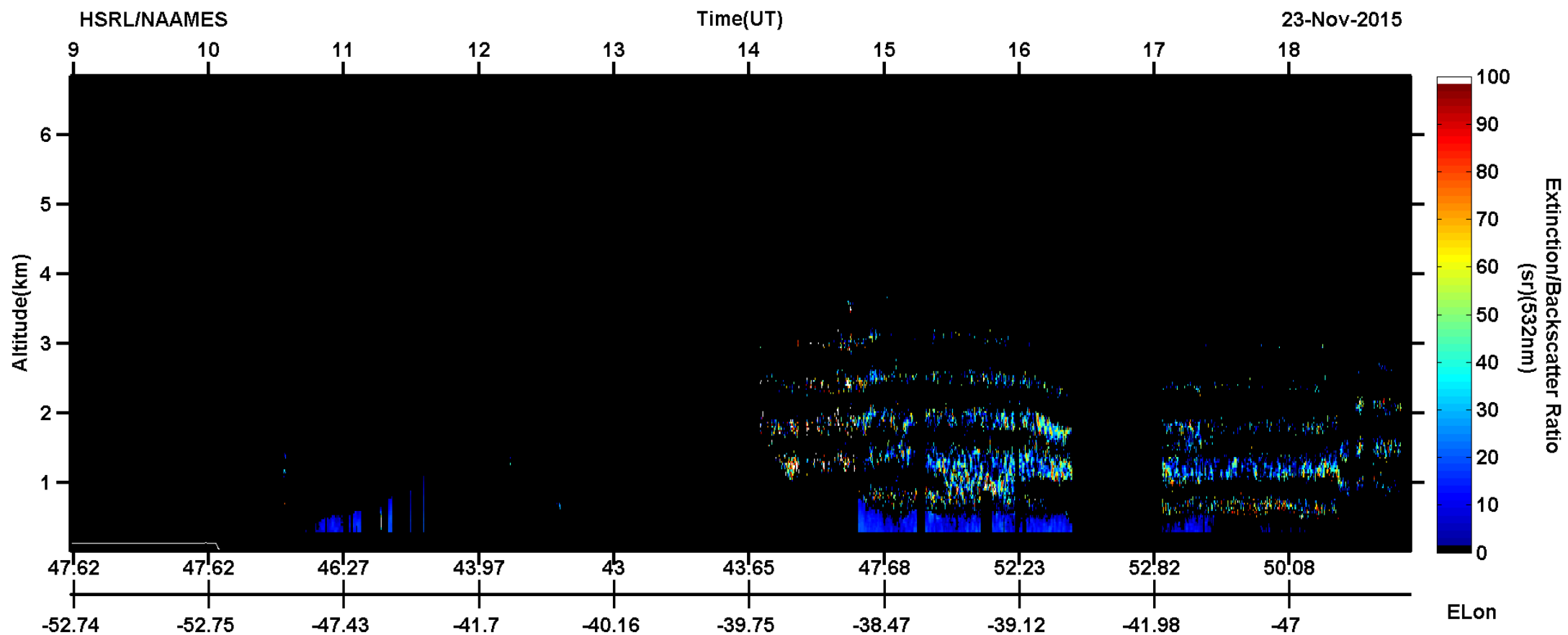


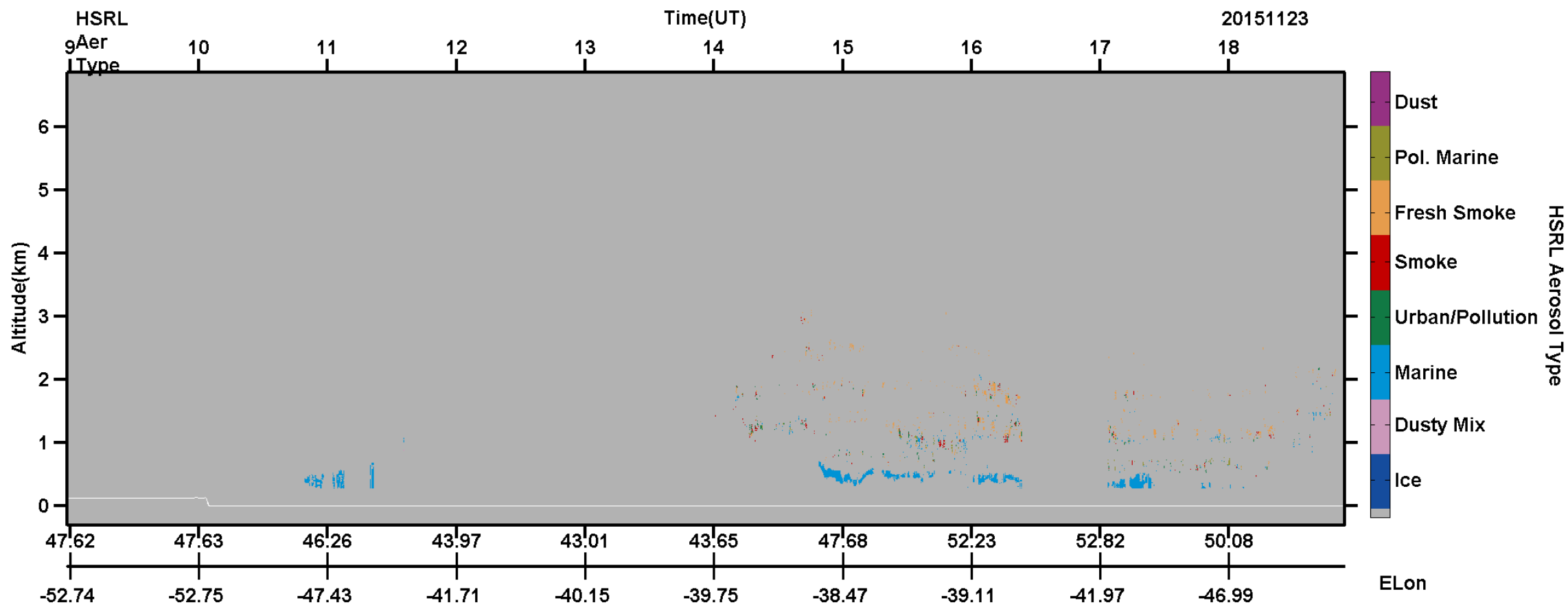


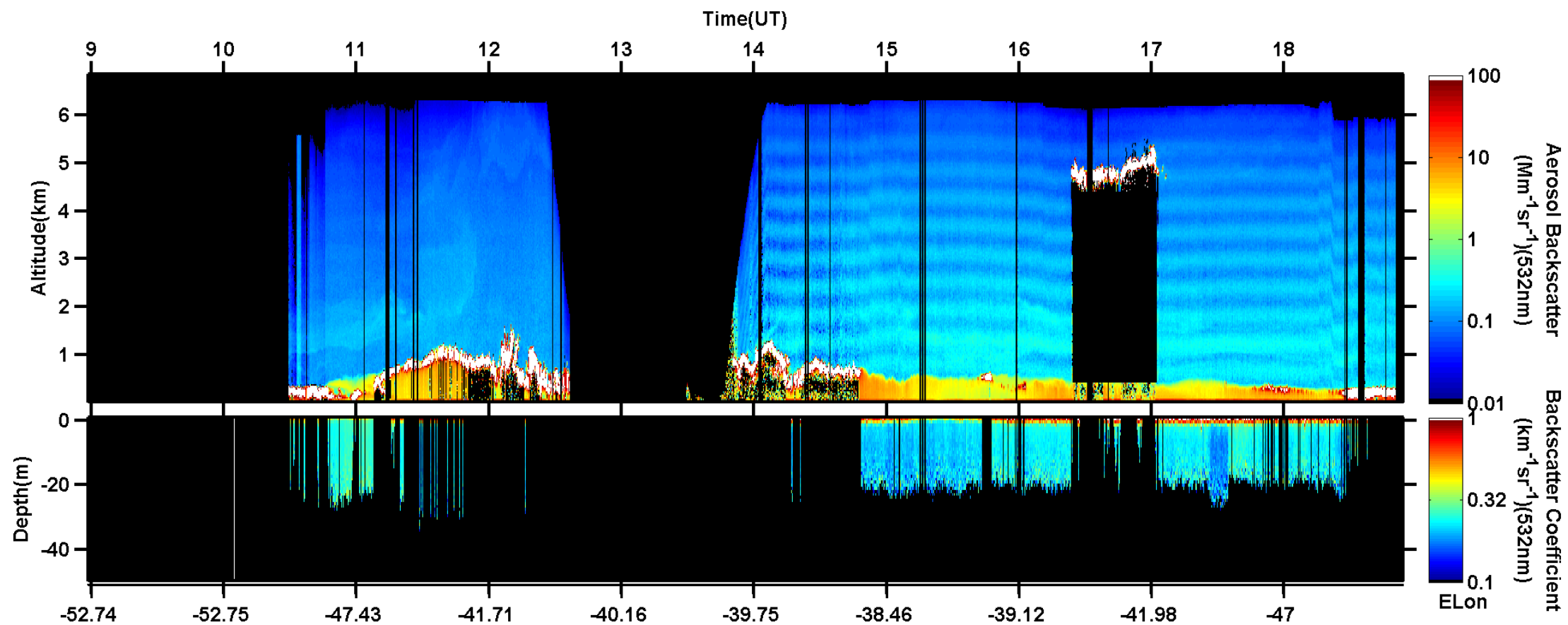
Due to salt/ice on the window during this flight, the PMT detectors typically used for the atmospheric products were reduced in voltage to minimize ringing effects. However, the subsequent calibrations did not produce valid gain ratios so the HPD detectors were used for atmospheric products. Ringing effects occurred on these detectors as well as can be seen on the above image after the climb from the low altitude legs at 14 UT. The HPDs are tied to a PMT calibration (in this case before the PMT voltages were reduced) – the aerosol backscatter appears ~6% higher than measured on other flights in the background regions.

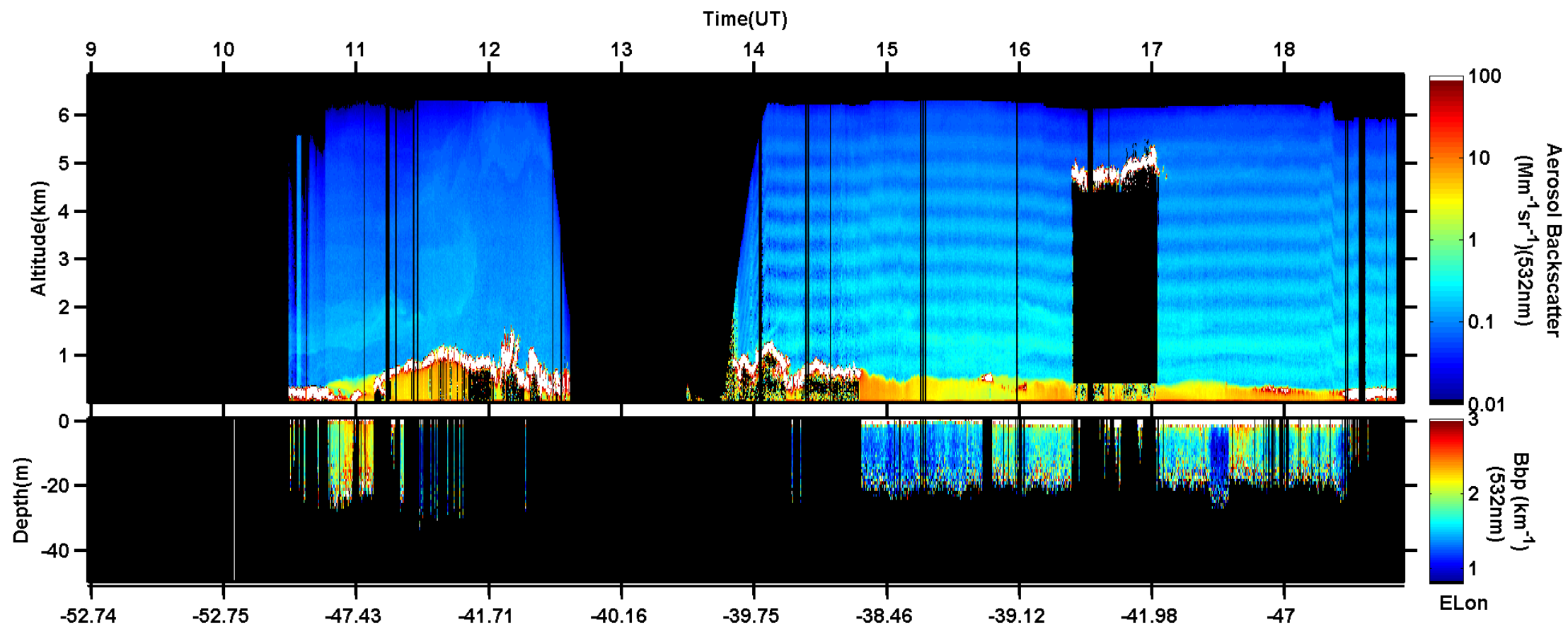


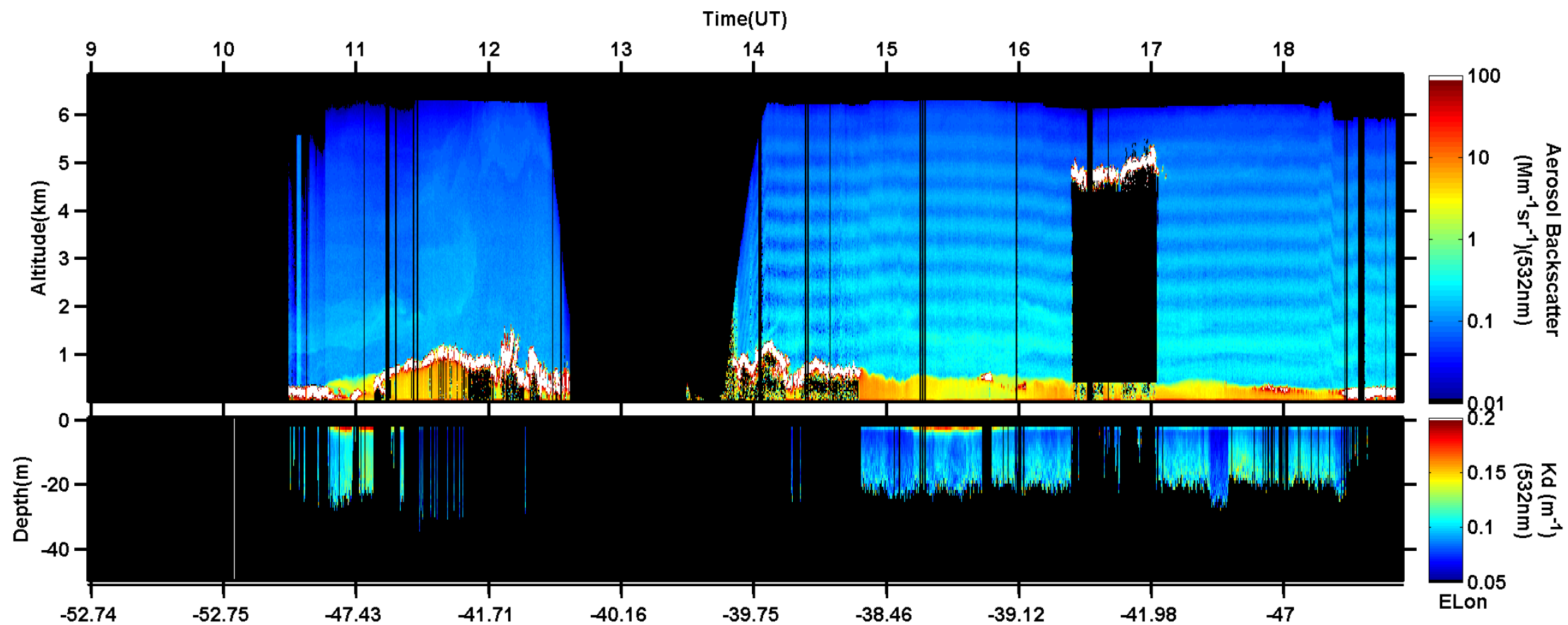




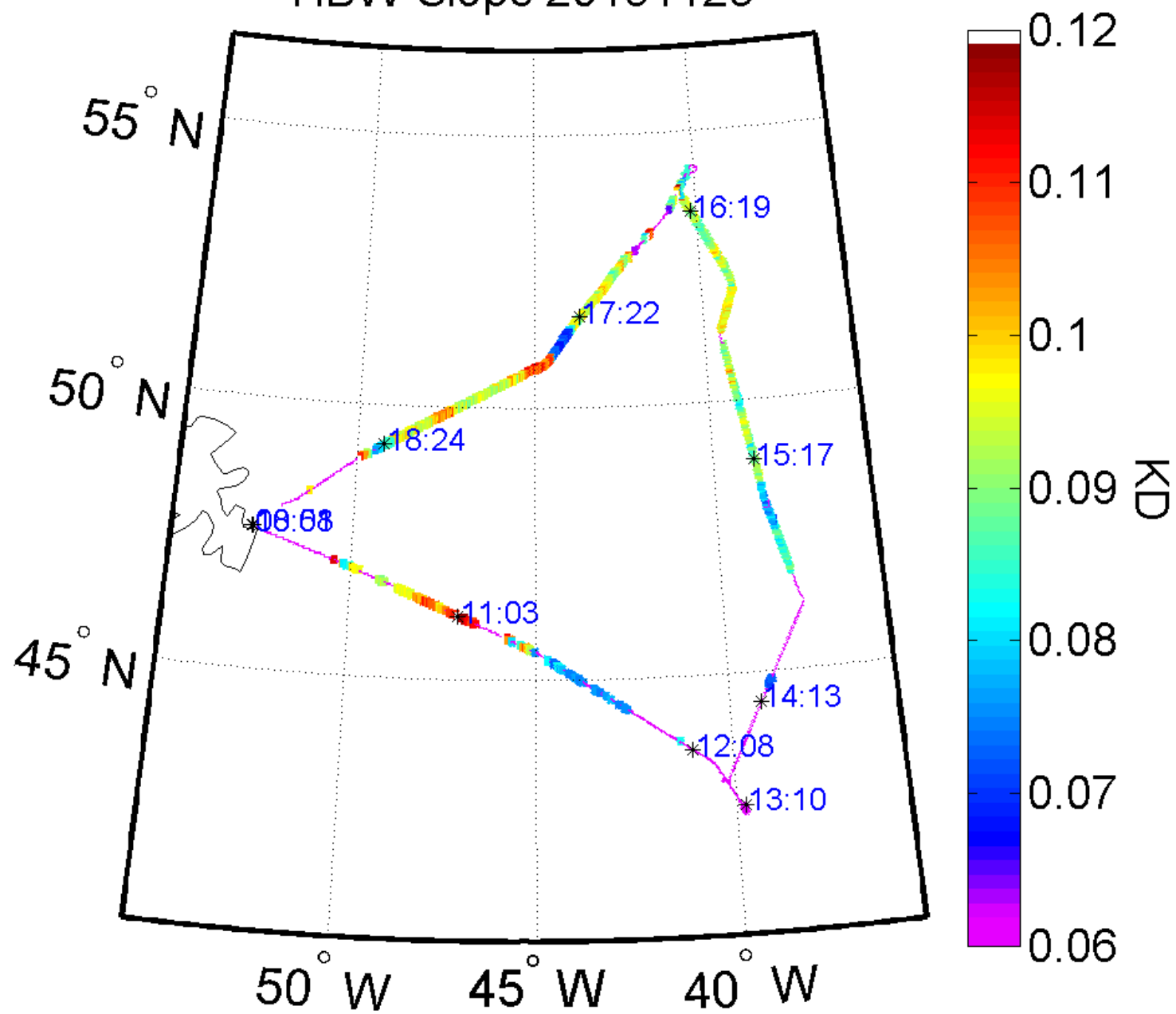








HBW Slope 20151123



Kd derived from slope

